FORMPTO-1390(Modified) U.S. PATENTAND TRADEMARKOFFICE; U.S. DEPARTMENTOF COMMERCE (REV. 07-2004) TRANSMITTAL L ER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

INTERNATIONALAPPLICATIONNO.

INTERNATIONALFILINGDATE 30 May 2003

PCT/US03/016944 TITLE OF INVENTION

Func	tiona	llized Elastomer Nanocomposite						
		TI(S)FOR DO/EO/US						
GON	iG, C	Caiguo; DIAS, Anthony J.; TSOU, Andy H.; POOLE, Beverly J.; KARP, Kriss R.						
Appli	cant l	nerewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:						
l.	×	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.						
2.		This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.						
3.	X	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5 (6), (9) and (24) indicated below.						
4.	\boxtimes	The US has been elected (Article 31).						
5.	\boxtimes	A copy of the International Application as filed (35 U.S.C. 371 (c) (2))						
		a. 🗵 is attached hereto (required only if not communicated by the International Bureau).						
		b. \square has been communicated by the International Bureau.						
		c. \square is not required, as the application was filed in the United States Receiving Office (RO/US).						
6.	X	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).						
		a. 🗵 is attached hereto.						
		b. has been previously submitted under 35 U.S.C. 154(d)(4).						
7.	\boxtimes	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))						
		a. are attached hereto (required only if not communicated by the International Bureau).						
		b. \square have been communicated by the International Bureau.						
		c. \square have not been made; however, the time limit for making such amendments has NOT expired.						
		d. 🗵 have not been made and will not be made.						
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).						
9.		An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).						
10.		An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).						
11.	×	A copy of the International Preliminary Examination Report (PCT/IPEA/409).						
12.	\boxtimes	A copy of the International Search Report (PCT/ISA/210).						
It	ems 1	3 to 23 below concern document(s) or information included:						
13.		An Information Disclosure Statement under 37 CFR 1.97 and 1.98.						
14.		An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.						
15.	\boxtimes	A FIRST preliminary amendment.						
16.		A SECOND or SUBSEQUENT preliminary amendment.						
17.		A substitute specification.						
18.		A power of attorney and/or change of address letter.						
19.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.						
20.		A second copy of the published International Application under 35 U.S.C. 154(d)(4).						
21.		A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).						
22.	X	Express Mail Label No. <u>EV 366446485</u> <u>US</u>						
23.	\boxtimes	Other items or information:						
		Return Receipt Postcard						

U.S. A	PPLICAT	rigning (if Impuri see 2 CFR > 7	INTERNATIONALAPPLICAT	OMMOIT		ATTORNEY'S	SDOCKETNUMBER			
		AVLINED LALL CO	PCT/US03/016944		2002B094					
24.	Th	e following fees are mitted:.				CALCULATIONS	PTO USE ONLY			
BASIC	SIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)) :					O.LECOEMITONS	110-002-01121			
	internati	international preliminary examination ional search fee (37 CFR 1.445(a)(2)) emational Search Report not prepared	\$1080.00							
	Internati USPTO	ional preliminary examination fee (37 but International Search Report prepa	\$920.00							
×		ional preliminary examination fee (37 rnational search fee (37 CFR 1.445(a)(\$770.00							
	Internati but all c	ional preliminary examination fee (37 claims did not satisfy provisions of PC								
	Internati	ional preliminary examination fee (37 claims satisfied provisions of PCT Art	\$100.00							
		ENTER APPROPRIA	Γ =	\$1,000.00						
Surcha months	rge of \$1 s from th	130.00 for furnishing the oath or decla e earliest claimed priority date (37 CI	⊠ 30	\$130.00						
CL	AIMS	NUMBER FILED	NUMBER EXTRA	R	ATE					
Total c	laims	72 - 20 =	52	x \$	50.00	\$2,600.00				
Indepe	ndent cla	aims 3 - 3 =	0	x \$2	200.00	\$0.00				
Multip	le Depen	ident Claims (check if applicable).				\$0.00				
			ABOVE CALCULAT	IONS	=	\$3,730.00				
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.										
			SUB'	TOTA	L =	\$3,730.00				
		of \$130.00 for furnishing the English the earliest claimed priority date (37 Cl	□ 30 +	\$0.00						
			TOTAL NATIONAL	FEI	c =	\$3,730.00				
		ng the enclosed assignment (37 CFR 1 y an appropriate cover sheet (37 CFR	.21(h)). The assignment must b	be		\$0.00				
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l						refunded charged	\$			
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a.		A check in the amount of								
b.	b. Please charge my Deposit Account No. 05-1712 in the amount of \$3,730.00 to cover the above fees.									
c.	c. The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 05-1712									
d.										
		e an appropriate time limit under 37) must be filed and granted to restor								
		DRRESPONDENCE TO:		4		6.1	191			
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Custo	mer Nu	mber: 23455		REG	REGISTRATION NUMBER					
15 December						2004				
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